



United States  
Department of  
Agriculture

Forest  
Service

Northeastern Area  
State and Private Forestry

180 Canfield Street  
Morgantown, WV 26505-3101

File Code: 3410  
Date: September 15, 2008

Mr. Christopher Carley, IPM Specialist  
USDA National Arboretum  
24<sup>th</sup> and R Street, NE  
Washington, DC 20002

Dear Mr. Carley:

On September 10, 2008, USDA Forest Service personnel conducted a gypsy moth egg mass survey at the USDA National Arboretum. The purposes of this survey were to evaluate the efficacy of this year's treatment and to assess the potential for defoliation and the need for treatment in 2009.

Gypsy moth survey plots were randomly selected based upon available host trees (oak species), size of sample area and uniformity between egg mass counts. At each sample point, a 1/40<sup>th</sup> acre fixed radius plot was established. The plots consisted of a tally of all the new (2008) egg masses observed on the overstory trees, understory vegetation, ground litter and duff. The total number of egg masses observed for each plot was multiplied by 40 to determine the number of egg masses per acre.

The location of the survey plots along with the three treatment areas are shown in Figure 1. I am pleased to report that no new egg masses were detected during the survey. Egg mass densities in the treatment areas have been reduced 100% from their pre-treatment level (2007) of 5510 egg masses per acre to their current level of 0 egg masses per acre.

Based on the results of the survey, no defoliation is likely to occur at the Arboretum in 2009. Therefore, treatment is not recommended.

Please call me at 304-285-1555 if you have any questions regarding the gypsy moth egg mass survey or survey letter.

Sincerely,

RODNEY L. WHITEMAN  
Forester  
Forest Health Protection

Enclosure

Cc: John Thomas, DC Forester





Figure 1. -- Location of the gypsy moth egg mass survey plots established on September 10, 2008, along with the 2008 gypsy moth treatment areas.

